

26

Per Cigarette

Market Sample Brand Data & Statistics

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Marlboro

king size
filter soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	17- 19	8.92	20.74	3.28	1.05	16.41	16.1
2)	20- 11	8.72	20.50	3.09	1.07	16.34	15.2
3)	50- 8	9.38	21.68	3.14	1.12	17.42	15.5
4)	53- 1	8.78	19.52	2.77	1.00	15.75	15.3
5)	73- 11	9.28	20.68	3.18	1.06	16.44	16.0
6)	78- 10	8.84	21.18	3.50	1.07	16.61	15.5
7)	110- 12	9.00	22.48	3.79	1.14	17.55	16.6
8)	127- 15	9.18	20.62	3.26	1.06	16.30	14.2
9)	156- 19	9.84	25.70	5.56	1.15	18.99	17.1
10)	175- 2	8.88	21.02	3.27	1.01	16.74	16.4
11)	188- 12	9.22	20.70	3.31	1.06	16.33	14.6
12)	189- 3	8.90	21.16	3.60	1.05	16.51	14.7
13)	219- 5	8.98	20.20	2.90	1.05	16.25	14.2
14)	244- 15	9.02	21.14	3.21	1.10	16.83	14.8
15)	267- 10	8.90	22.10	3.66	1.07	17.37	16.3
16)	280- 11	9.54	24.08	4.56	1.17	18.35	16.7
17)	294- 4	9.40	22.20	2.95	.95	18.30	15.3
18)	305- 12	9.64	22.04	3.55	1.15	17.34	16.3
19)	330- 20	8.94	21.24	3.50	1.09	16.65	15.1
20)	341- 17	9.14	20.44	3.28	1.04	16.12	14.9

Statistics Array:

Puff-Count=Puffs/Cig
TPM, Water, Nicotine, TAR & CO=Mg per Cig

Mean	9.12500	21.47100	3.46800	1.07300	16.93000	15.57600
CONF. INTER.	.13669	.62793	.27894	.02441	.37910	.38286
Stand. Dev.	.30566	1.40409	.62374	.05459	.84768	.85610
%C.V.	3.34967	6.53948	17.98552	5.08755	5.00699	5.49625

Bounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	9.1 ± 0.1	21.5 ± 0.6	3.5 ± 0.3	1.07 ± 0.02	16.9 ± 0.4	15.6 ± 0.4
S	0.3	1.4	0.6	0.05	0.8	0.9

PM3000762888

Per Cigarette
Market Sample Brand Data & Statistics

Alpine
king size
filter menthol soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	3- 7	9.24	21.70	3.52	1.07	17.11	15.80
2)	32- 13	9.02	21.04	3.33	1.06	16.65	14.95
3)	50- 20	9.18	22.44	3.68	1.08	17.68	16.83
4)	65- 17	9.12	23.28 ¹	4.48	1.08	17.72	17.10
5)	78- 15	8.92	19.14	2.61	1.04	15.49	13.77
6)	83- 14	8.86	23.42	4.01	1.16	18.25	15.72
7)	115- 5	8.76	21.34	3.42	1.08	16.84	15.16
8)	126- 10	9.30	22.86	4.62	1.10	17.14	15.52
9)	158- 13	8.76	18.78 ¹	2.37	.96	15.45	14.60
10)	159- 13	8.78	21.08	3.23	1.04	16.81	15.95
11)	181- 3	8.88	22.14	3.54	1.10	17.50	15.35
12)	208- 11	9.04	20.98	3.17	1.08	16.73	15.65
13)	237- 4	8.78	20.96	3.26	1.06	16.64	15.15
14)	242- 2	9.54	18.94 ¹	2.25	1.00	15.69	15.15
15)	255- 5	9.06	22.40	3.60	1.12	17.68	17.19
16)	276- 17	9.08	21.00	3.32	1.05	16.63	15.47
17)	306- 6	8.98	23.02 ¹	3.88	1.16	17.98	16.29
18)	309- 12	9.74	22.84 ¹	4.03	1.10	17.71	16.46
19)	329- 18	8.98	20.28	2.97	1.08	16.23	14.80
20)	360- 7	9.46	22.68	3.54	1.17	17.97	16.44

statistics Array:

Puff-Count=Puffs/Cig
TPM, Water, Nicotine, TAR & CO=Mg per Cig

mean	9.07400	21.51601	3.44150	1.07950	16.99500	15.66750
ONFI. INTER.	.12143	.63723	.27333	.02283	.37286	.38928
stand. Dev.	.27153	1.42490	.61118	.05104	.83375	.87046
C.V.	2.99243	6.62251	17.75909	4.72804	4.90583	5.55584

ound Statistics:

Puff-Count	TPM	Water	Nicotine	Tar	CO
9.1 ± 0.1	21.5 ± 0.6	3.4 ± 0.3	1.08 ± 0.02	17.0 ± 0.4	15.7 ± 0.4
0.3	1.4	0.6	0.05	0.8	0.9
3.0	6.6	17.8	4.7	4.9	5.6

PM3000762889

Per Cigarette
Market Sample Brand Data & Statistics

Benson & Hedges 100's

100 mm

filter hard pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	8- 8	10.58	19.42	1.97	1.11	16.34	16.65
2)	25- 13	10.72	20.14	1.99	1.13	17.02	15.24
3)	45- 12	10.46	20.52	2.28	1.19	17.05	14.94
4)	48- 14	10.16	19.72	2.04	1.14	16.54	15.45
5)	104- 14	10.26	19.68	2.08	1.13	16.47	16.73
6)	105- 17	10.34	21.44	2.63	1.21	17.60	17.17
7)	118- 20	9.94	20.40	2.40	1.16	16.84	16.64
8)	125- 13	9.88	18.68	1.89	1.06	15.73	15.20
9)	154- 19	10.26	20.54	2.42	1.15	16.97	15.52
10)	161- 8	10.16	19.60	2.15	1.10	16.35	15.40
11)	208- 20	10.26	20.78	2.37	1.21	17.20	16.12
12)	209- 18	10.32	21.38	2.49	1.21	17.68	17.63
13)	224- 1	10.78	20.36	2.26	1.19	16.91	15.43
14)	225- 8	10.50	20.16	2.30	1.13	16.73	14.91
15)	275- 18	10.46	19.84	2.13	1.12	16.59	16.37
16)	280- 7	10.60	21.22	2.55	1.22	17.45	16.33
17)	293- 8	10.06	20.18	2.25	1.14	16.79	16.71
18)	314- 5	10.52	20.36	2.23	1.19	16.94	16.26
19)	357- 7	10.16	19.08	2.03	1.15	15.90	15.58
20)	360- 9	10.30	21.16	2.25	1.23	17.68	17.15

Statistics Array:

Puff-Count=Puffs/Cig
TPM, Water, Nicotine, TAR & CO=Mg per Cig

Mean	10.33600	20.23300	2.23550	1.15850	16.83900	16.07150
CONF. INTER.	.10849	.33537	.09055	.02053	.24080	.36080
Stand. Dev.	.24258	.74991	.20247	.04591	.53845	.80676
Z.C.V.	2.34697	3.70639	9.05707	3.96329	3.19762	5.01983

Rounded statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	10.3 ±0.1	20.2 ±0.3	2.2 ±0.1	1.16 ±0.02	16.8 ±0.2	16.1 ±0.4
S	0.8	0.7	0.2	0.05	0.5	0.8
CV	2.3	3.7	9.1	4.0	3.2	5.0

Per Cigarette
Market Sample Brand Data & Statistics

enson & Hedges 100's
 00 mm

filter soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	17- 1	10.40	22.28	2.69	1.18	18.31	18.18
2)	28- 18	10.54	20.60	2.21	1.21	17.18	16.22
3)	47- 17	10.70	21.50	2.35	1.26	17.89	16.90
4)	54- 17	10.38	20.10	2.13	1.15	16.82	17.68
5)	75- 18	10.00	19.46	1.84	1.17	16.45	17.71
6)	98- 11	10.26	19.66	2.06	1.17	16.43	17.06
7)	112- 6	10.00	19.72	2.18	1.13	16.41	16.83
8)	137- 1	10.28	21.06	2.45	1.19	17.42	16.55
9)	147- 7	10.40	20.26	2.26	1.19	16.81	17.02
10)	154- 17	10.80	22.04	2.85	1.22	17.97	16.65
11)	195- 12	10.52	21.94	2.96	1.23	17.75	18.92
12)	204- 15	10.58	20.66	2.25	1.22	17.19	17.68
13)	228- 20	10.84	20.56	2.27	1.19	17.10	17.83
14)	249- 17	10.54	20.10	2.03	1.21	16.86	16.61
15)	264- 16	10.20	20.50	2.21	1.22	17.07	17.04
16)	281- 7	10.44	20.02	2.10	1.20	16.72	16.63
17)	297- 6	9.66	18.22	1.98	1.10	15.14	15.20
18)	318- 13	10.28	20.44	2.18	1.17	17.09	18.25
19)	346- 6	10.16	20.34	2.28	1.17	16.89	16.78
20)	353- 15	10.32	19.68	2.05	1.14	16.49	17.42

Statistics Array:

Puff-Count=Puffs/Cig
TPM, Water, Nicotine, TAR & CO=Mg per Cig

Mean	10.36500	20.45701	2.26650	1.19100	16.99950	17.15800
CONFI. INTER.	.12679	.43326	.12645	.01935	.31040	.36980
Stand. Dev.	.28350	.96880	.28275	.04327	.69408	.82690
%C.V.	2.73519	4.73580	12.47539	3.63341	4.08297	4.81933

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	10.4 ± 0.1	20.5 ± 0.4	2.3 ± 0.1	1.19 ± 0.02	17.0 ± 0.3	17.2 ± 0.4
S	0.3	1.0	0.3	0.04	0.7	0.8
CV	2.7	4.7	12.5	3.6	4.1	4.8

Per Cigarette
Market Sample Brand Data & Statistics

Cambridge Full Flavor

king size

filter soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
10	16- 20	8.48	21.10	3.85	1.03	16.22	16.27
20	23- 4	8.26	20.08	3.70	.94	15.44	15.04
30	50- 6	8.50	21.54	3.67	1.07	16.80	15.21
40	51- 14	8.30	22.06	4.12	1.04	16.90	14.58
50	75- 2	8.68	21.64	3.75	1.05	16.84	15.68
60	108- 15	8.26	20.26	3.14	1.05	16.07	15.32
70	119- 7	8.36	22.26	4.25	1.05	16.96	15.85
80	128- 17	8.58	23.70	4.60	1.13	17.97	15.66
90	151- 12	8.98	24.52	5.12	1.11	18.29	17.00
100	170- 13	8.24	22.30	4.50	1.02	16.78	16.59
110	191- 12	8.56	23.00	4.03	1.09	17.88	17.22
120	196- 2	8.34	20.76	3.63	1.05	16.08	15.31
130	218- 19	8.54	23.24	4.79	1.10	17.35	16.40
140	245- 2	8.66	24.36	4.83	1.17	18.36	16.75
150	263- 4	8.44	21.70	3.92	1.10	16.68	16.61
160	268- 10	8.64	23.98	4.98	1.15	17.85	17.03
170	290- 18	8.38	21.32	3.64	1.06	16.62	16.18
180	315- 1	8.86	23.16	4.97	1.09	17.10	16.28
190	345- 6	8.68	22.36	4.13	1.10	17.13	15.41
200	358- 10	8.46	22.30	4.22	1.11	16.97	16.93

Statistics Array:

Puff-Count=Puffs/Cig
TPM, Water, Nicotine, TAR & CO=Mg per Cig

Mean	8.51000	22.28199	4.19200	1.07550	17.01450	16.06600
CONFI. INTER.	.08989	.57454	.24668	.02287	.34372	.34094
Stand. Dev.	.20100	1.28471	.55160	.05114	.76857	.76236
ZC.V.	2.36190	5.76569	13.15832	4.75520	4.51715	4.74518

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	8.5 ± 0.1	22.3 ± 0.6	4.2 ± 0.2	1.08 ± 0.02	17.0 ± 0.3	16.1 ± 0.3
S	0.2	1.3	0.6	0.05	0.8	0.8
CV	2.4	5.8	13.2	4.8	4.5	4.7

PM3000762892

Per Cigarette

Market Sample Brand Data & Statistics

Cambridge Full Flavor 100's

100 mm

filter soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	16- 13	9.10	20.90	2.61	1.17	17.12	16.28
2)	21- 8	9.12	19.90	2.50	1.08	16.32	15.23
3)	58- 1	9.26	19.40	2.21	1.11	16.08	14.60
4)	65- 2	9.60	20.68	2.56	1.13	16.99	16.23
5)	92- 7	9.08	21.10	2.95	1.16	16.99	16.08
6)	97- 7	9.60	22.16	3.17	1.15	17.84	16.13
7)	115- 14	9.02	20.34	2.47	1.12	16.75	14.58
8)	132- 19	9.26	23.08	3.60	1.16	18.32	16.87
9)	154- 4	9.52	22.26	3.02	1.21	18.03	15.82
10)	171- 11	9.42	22.36	2.80	1.21	18.35	17.94
11)	190- 10	9.16	20.40	2.72	1.12	16.56	16.39
12)	205- 12	8.92	20.10	2.49	1.13	16.48	15.55
13)	221- 4	9.50	21.28	2.75	1.16	17.37	15.58
14)	248- 11	9.10	19.82	2.38	1.10	16.34	14.64
15)	265- 13	8.92	22.26	3.02	1.20	18.04	16.32
16)	278- 13	9.32	21.12	2.73	1.19	17.20	15.81
17)	307- 14	9.02	20.28	2.45	1.15	16.68	15.80
18)	312- 20	9.12	21.30	2.69	1.15	17.46	15.85
19)	352- 1	9.46	21.98	2.95	1.22	17.81	16.06
20)	355- 8	8.92	19.76	2.31	1.12	16.33	16.42

Statistics Array:

Puff-Count=Puffs/Cig
TPM, Water, Nicotine, TAR & CO=Mg per Cig

Mean	9.22100	21.02401	2.71900	1.15200	17.15300	15.90900
CONFI. INTER.	.10208	.46764	.14829	.01757	.32161	.35352
Stand. Dev.	.22826	1.04566	.33160	.03928	.71914	.79050
%C.V.	2.47547	4.97367	12.19557	3.40999	4.19253	4.96886

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	9.2 ± 0.1	21.0 ± 0.5	2.7 ± 0.1	1.15 ± 0.02	17.2 ± 0.3	15.9 ± 0.4
S	0.2	1.0	0.3	0.04	0.7	0.8
CV	2.5	5.0	12.2	3.4	4.2	5.0

PM3000762893

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Per Cigarette
Market Sample Brand Data & Statistics

Marlboro

King size

filter soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	26-	8	8.92	20.62	3.26	1.08	16.28
2)	35-	5	9.12	22.38	3.87	1.16	17.33
3)	63-	8	8.74	21.42	3.09	1.12	17.21
4)	68-	3	9.68	19.76	2.75	1.05	15.96
5)	79-	11	8.86	21.72	3.45	1.12	17.15
6)	86-	9	8.74	20.38	2.93	1.06	16.39
7)	121-	8	8.88	22.54	4.22	1.13	17.19
8)	130-	12	9.02	21.42	3.40	1.09	16.93
9)	147-	3	9.08	20.98	3.48	1.08	16.42
10)	180-	5	9.04	21.60	3.74	1.08	16.78
11)	201-	6	8.86	20.36	2.89	1.08	16.39
12)	214-	18	9.12	22.42	3.81	1.12	17.49
13)	221-	14	8.80	20.58	3.14	1.09	16.35
14)	252-	14	8.90	20.80	3.06	1.12	16.62
15)	276-	2	8.86	21.02	3.11	1.15	16.76
16)	283-	1	9.20	22.92	3.91	1.20	17.81
17)	313-	19	8.94	21.18	3.08	1.16	16.94
18)	322-	18	9.08	22.16	3.63	1.13	17.40
19)	338-	2	8.82	20.00	2.95	1.05	16.00
20)	339-	8	8.86	19.96	2.87	1.05	16.04

Statistics Array:

Puff-Count=Puffs/Cig
TPM, Water, Nicotine, TAR & CO=Mg per Cig

Mean	8.97600	21.21000	3.33200	1.10600	16.77200	15.77150
CONFI. INTER.	.09486	.41582	.18578	.01872	.24087	.34920
Stand. Dev.	.21212	.92980	.41541	.04185	.53860	.78084
ZC.V.	2.36316	4.38378	12.46725	3.78408	3.21130	4.95099

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	9.0 ± 0.1	21.2 ± 0.4	3.3 ± 0.2	1.11 ± 0.02	16.8 ± 0.2	15.8 ± 0.3
S	0.2	0.9	0.4	0.04	0.5	0.8
CV	2.4	4.4	12.5	3.8	3.2	5.0

PM3000762894

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Per Cigarette

Market Sample Brand Data & Statistics

Marlboro

king size

filter menthol soft pack

Row	Run-Port	Puff-Count	TPM	Water	Nicotine	Tar	CO
1)	13- 5	9.00	20.94	3.23	1.07	16.64	15.82
2)	20- 5	8.88	20.80	3.53	1.02	16.25	14.90
3)	65- 16	9.26	21.16	3.08	1.11	16.97	15.37
4)	70- 20	8.84	22.22	3.86	1.10	17.26	16.51
5)	79- 16	8.52	19.60	2.74	1.04	15.82	14.89
6)	98- 6	8.58	21.84	3.73	1.08	17.03	16.35
7)	128- 2	9.08	21.64	3.37	1.10	17.17	15.69
8)	137- 2	8.80	21.22	3.19	1.08	16.95	15.83
9)	167- 6	9.22	20.82	3.08	1.07	16.67	14.95
10)	168- 17	9.34	22.56	3.73	1.13	17.70	14.89
11)	187- 10	9.20	20.60	3.02	1.09	16.49	15.36
12)	192- 19	9.02	22.52	3.84	1.13	17.55	15.73
13)	236- 7	8.76	20.50	3.04	1.08	16.38	15.16
14)	239- 10	9.16	21.10	3.02	1.15	16.93	16.32
15)	258- 7	9.18	21.12	3.45	1.07	16.60	15.42
16)	273- 7	8.94	21.40	3.34	1.12	16.94	15.73
17)	301- 20	9.12	20.70	3.17	1.10	16.43	15.57
18)	302- 20	8.80	20.74	3.31	1.08	16.35	15.55
19)	341- 10	8.86	19.82	2.65	1.05	16.12	15.28
20)	354- 18	9.22	22.26	3.67	1.13	17.46	16.84

Statistics Array:

Puff-Count=Puffs/Cig
 TPM, Water, Nicotine, TAR & CO=Mg per Cig

Mean	8.98900	21.17800	3.30250	1.09000	16.78550	15.60801
CONFI. INTER.	.10282	.36355	.15509	.01473	.22273	.25029
Stand. Dev.	.22992	.81292	.34679	.03293	.49804	.55968
%C.V.	2.55777	3.83851	10.50077	3.02086	2.96710	3.58583

Rounded Statistics:

	Puff-Count	TPM	Water	Nicotine	Tar	CO
X	9.0 ± 0.1	21.2 ± 0.4	3.3 ± 0.2	1.09 ± 0.01	16.8 ± 0.2	15.6 ± 0.3
S	0.2	0.8	0.3	0.03	0.5	0.6
CV	2.6	3.8	10.5	3.0	3.0	3.6

PM3000762895